

#### CONSTRUCTION DETAILS

- USE EXISTING WOOD POLE. INSTALL 3 IN. WEATHERHEAD AND 3 IN. RISER. PULL BACK EXISTING INTERCONNECT CABLE FROM THE MD 430 TRAFFIC SIGNAL (SOUTH OF CHEROKEE ST.) (APPROX. 300 LF.), RELOCATE TO NEW CABINET LOCATED AT CHEROKEE STREET.
- REPLACE EXISTING OVERHEAD INTERCONNECT CABLE FROM BERWYN ROAD TRAFFIC SIGNAL TO MD 430 TRAFFIC SIGNAL (APPROX. 1500 LF).
- REPLACE EXISTING OVERHEAD INTERCONNECT CABLE FROM MD 430 TRAFFIC SIGNAL TO CHEROKEE STREET TRAFFIC SIGNAL (APPROX. 2500 LF).
- USE EQUIPMENT INSTALLED AS PART OF TRAFFIC SIGNAL CONSTRUCTION.
- INSTALL A NEMA SIZE 6 BASE MOUNTED CABINET (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS. (NOTE: ALLOW FOR 15 LF. OF CABLE IN CABINET)).
- INSTALL HANDHOLE (NOTE: ALLOW FOR 15 LF. OF CABLE IN HANDHOLES).
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED IN ROADWAY.
- USE EXISTING TRAFFIC SIGNAL EQUIPMENT.
- DO NOT REMOVE EXISTING INTERCONNECT CABLE NORTH OF CHEROKEE STREET.

#### LEGEND

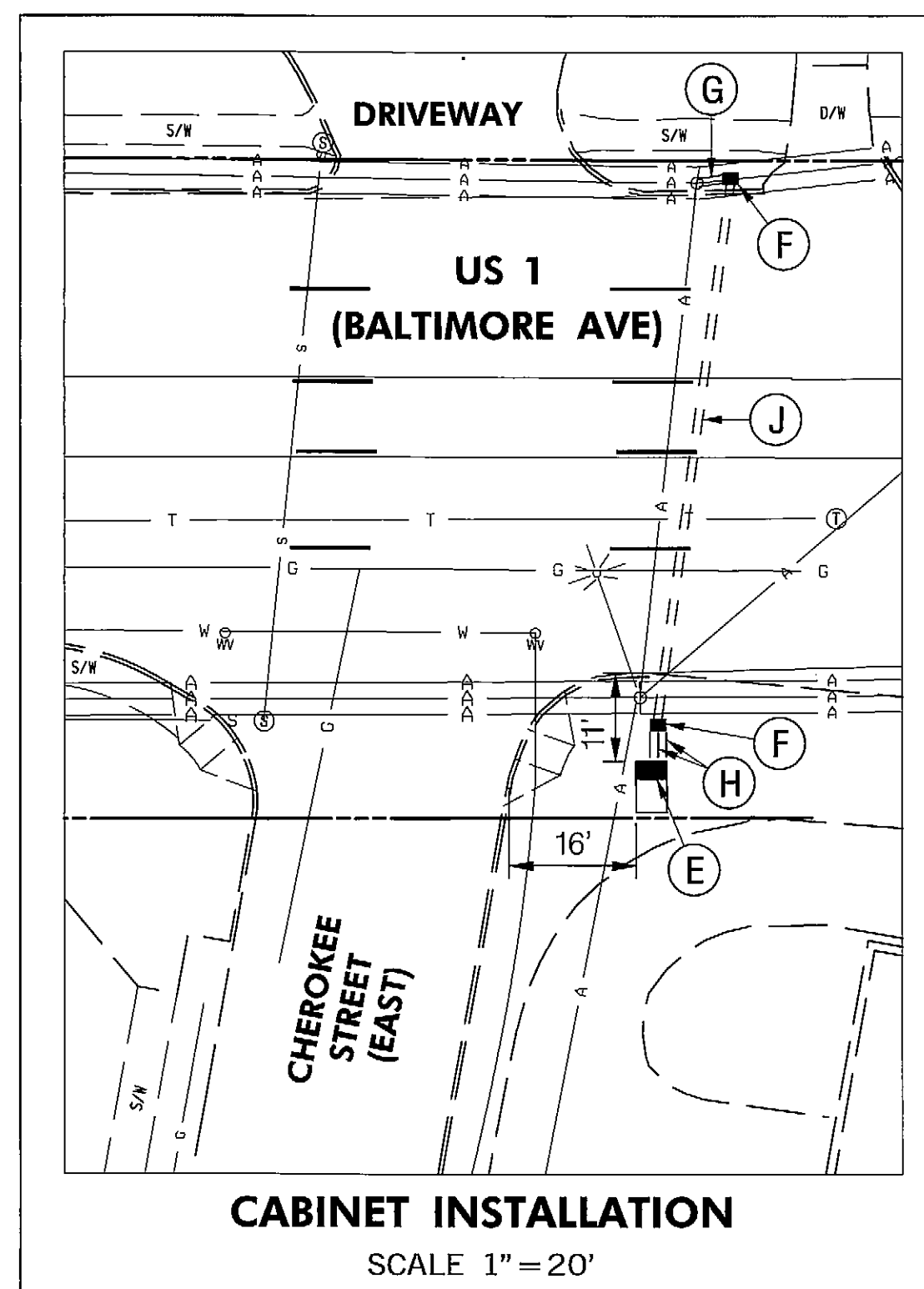
===== PROPOSED CONDUIT  
----- EXISTING CONDUIT

#### GEOMETRIC LEGEND

----- EXISTING  
----- PROPOSED

#### UTILITY LEGEND

SD SD STORM DRAIN  
G G GAS MAIN  
W W WATER MAIN  
S S SEWER MAIN  
E E ELECTRIC CABLES  
A A AERIAL CABLES  
T T TELEPHONE CABLES  
F F FIBER-OPTIC



#### EQUIPMENT LIST

QUANTITY	UNITS	DESCRIPTION
LUMP SUM	LS	MOBILIZATION.
LUMP SUM	LS	MAINTENANCE OF TRAFFIC.
1	EA	STANDARD S.H.A. TRAFFIC SIGNAL BASE MOUNTED NEMA 6 CABINET PURCHASED FROM ECONOLITE
1	EA	TEST PIT EXCAVATION
2	EA	HANDHOLE
1	EA	3 IN. WEATHERHEAD
30	LF	3 IN. RISER
5	LF	3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED
10	LF	4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED
70	LF	4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED IN ROADWAY
1.5	CY	CONCRETE FOUNDATION FOR TRAFFIC SIGNAL EQUIPMENT.
1	EA	GROUND ROD - 3/4 IN. DIAMETER x 10 FT. LENGTH.
4000	LF	12-PAIR TELEMETRY INTERCONNECT CABLE (NO. 19 AWG) - SELF SUPPORTING
4000	LF	REMOVE EXISTING OVERHEAD INTERCONNECT CABLE
300	LF	RELOCATE EXISTING OVERHEAD INTERCONNECT CABLE



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MAZZA COMMONS  
US 1 (BALTIMORE AVENUE) BERWYN ROAD TO FOX STREET

#### INTERCONNECT PLAN

SCALE NTS SUMMITAL DATE MAY 8, 2009 CONTRACT NO. RW999MB2

DESIGNED BY F. BROWNLEY COUNTY PRINCE GEORGE'S  
DRAWN BY F. BROWNLEY LOGMILE  
CHECKED BY TIMS NO.  
F.A.P. NO. NA TOD NO.

TS NO. DRAWING SG - 03 OF 3 SHEET NO. 3 OF 3

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